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# CHECKLIST OF NORTH AMERICAN MAMMALS NORTH OF MEXICO

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Since the publication of "Vernacular names of North American mammals north of Mexico" by Hall et al. (1957) and its subsequent revision (Hall, 1965), systematic and other studies have contributed materially to a better understanding of the nomenclature of North American mammals. For this reason, and because of the usefulness, principally to students, of checklists that record both scientific and vernacular names, an up-dated listing of New World mammalian species north of Mexico is timely. As in the previous lists, a specific vernacular name applies to all populations of that species.

The present checklist includes all species of North American mammals recognized as of the close of 1972 and is based on the relevant published literature. Insofar as practicable, we have avoided personal taxonomic judgements. By way of example, some recent studies reflected in the list include those of Mitchell (1968), who reduced the Odobenidae to subfamilial status under Otariidae, van Zyll de Jong (1972), who separated New World otters from those of the Old World under the generic name Lontra, and Lee et al. (1972), who elevated to specific status Peromyscus attwateri and P. comanche. On-going systematic studies will result in future additions and deletions to the list; this is particularly true for the Cetacea, where our provisional arrangement follows closely that proposed by Rice and Scheffer (1968).

Various species of non-native mammals have been introduced into North America over the years—both accidentally, as in the case of Old World murid rodents, or for some purpose, as in the case of ungulates imported as big game. In the present compilation, we have listed nine non-native species (identified by an asterisk) that now occur in the wild state in sufficient numbers to justify inclusion. Other species, the blackbuck (Antilope cervicapra), axis deer (Cervus axis), and sika deer (Cervus nippon), for example, probably now occur in limited numbers outside confinement and no doubt some will be included in subsequent lists. The summary by de Vos et al. (1956) on introduced mammals is a useful reference.

We acknowledge with pleasure the comments of Robert J. Baker, Clyde Jones, Richard K. LaVal, and Robert L. Packard in preparation of this checklist.

# ORDER MARSUPIALIA—Marsupials

FAMILY DIDELPHIDAE—New World Opossums

Didelphis virginiana . . . . Virginia Opossum

#### ORDER INSECTIVORA—Insectivores

#### FAMILY SORICIDAE—Shrews

Sorex cinereusMasked ShrewSorex lyelliMt. Lyell ShrewSorex prebleiPreble's ShrewSorex pribilofensisPribilof Shrew

Sorex jacksoni .... St. Lawrence Island Shrew

Sorex longirostris
Sorex vagrans
Vagrant Shrew
Sorex obscurus
Dusky Shrew
Sorex pacificus
Pacific Shrew
Sorex ornatus
Ornate Shrew
Sorex tenellus
Inyo Shrew
Sorex trigonirostris
Ashland Shrew
Sorex nanus
Dwarf Shrew
Sorex sinuosus
Sorex palustris
Water Shrew

Sorex alaskanus . . . . . Glacier Bay Water Shrew Sorex bendirii . . . . . . . Pacific Water Shrew

Sorex merriami . . . . . . Merriam's Shrew Microsorex hoyi . . . . . . Pygmy Shrew

Microsorex thompsoni . . . . Thompson's Pygmy Shrew

Blarina brevicauda . . . . . . Short-tailed Shrew

Blarina carolinensis . . . . . Southern Short-tailed Shrew

Blarina telmalestes . . . . . . Swamp Short-tailed Shrew

Cryptotis parva ..... Least Shrew Notiosorex crawfordi .... Desert Shrew

FAMILY TALPIDAE—Moles

Neurotrichus gibbsii . . . . . . Shrew-mole

Scapanus townsendii .... Townsend's Mole

Scapanus orarius . . . . . . Coast Mole

Scapanus latimanus . . . . Broad-footed Mole
Parascalops breweri . . . . Hairy-tailed Mole
Scalopus aquaticus . . . . Eastern Mole
Condylura cristata . . . . Star-nosed Mole

#### ORDER CHIROPTERA—Bats

FAMILY MORMOOPIDAE—Mormoopid Bats

Mormoops megalophylla . . . Ghost-faced Bat

FAMILY PHYLLOSTOMATIDAE—Phyllostomatid Bats

Macrotus waterhousii . . . Leaf-nosed Bat

Choeronycteris mexicana . . . Long-tongued Bat

Leptonycteris nivalis . . . . . Mexican Long-nosed Bat Leptonycteris sanborni . . . . Sanborn's Long-nosed Bat

Diphylla ecaudata ..... Hairy-legged Vampire

FAMILY VESPERTILIONIDAE—Vespertilionid Bats

Myotis lucifugus . . . . . Little Brown Myotis

Myotis yumanensis . . . . . Yuma Myotis

Myotis austroriparius . . . . . Southeastern Myotis

Myotis grisescens . . . . Gray Myotis Myotis velifer . . . . . Cave Myotis

Myotis keenii ..... Keen's Myotis

Myotis evotis . . . . . . Long-eared Myotis Myotis auriculus . . . . Southwestern Myotis

Myotis thysanodes . . . . Fringed Myotis

Myotis sodalis ..... Indiana Myotis

Myotis volans . . . . Long-legged Myotis

Myotis californicus . . . California Myotis

Myotis leibii ...... Small-footed Myotis

Lasionycteris noctivagans . . Silver-haired Bat

Pipistrellus hesperus .... Western Pipistrelle Pipistrellus subflavus Eastern Pipistrelle

Eptesicus fuscus ..... Big Brown Bat

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Lasiurus borealis . . . . . Red Bat
Lasiurus seminolus . . . . Seminole Bat
Lasiurus cinereus . . . . . Hoary Bat

Lasiurus intermedius . . . . Northern Yellow Bat Lasiurus ega . . . . . . Southern Yellow Bat

Nycticeius humeralis ..... Evening Bat Euderma maculatum ..... Spotted Bat

Plecotus townsendii . . . . . Townsend's Big-eared Bat Plecotus rafinesquii . . . . Rafinesque's Big-eared Bat Plecotus phyllotis . . . . . Allen's Big-eared Bat

Antrozous pallidus . . . . . Pallid Bat

FAMILY MOLOSSIDAE—Molossid Bats

Tadarida brasiliensisBrazilian Free-tailed BatTadarida femorosaccaPocketed Free-tailed BatTadarida macrotisBig Free-tailed BatEumops perotisWestern Mastiff BatEumops underwoodiUnderwood's Mastiff BatEumops glaucinusWagner's Mastiff Bat

ORDER EDENTATA—Edentates

FAMILY DASYPODIDAE—Armadillos

Dasypus novemcinctus . . . . Nine-banded Armadillo

ORDER LAGOMORPHA—Lagomorphs

FAMILY OCHOTONIDAE—Pikas

Ochotona collaris ..... Collared Pika

Ochotona princeps ..... Pika

FAMILY LEPORIDAE—Hares and Rabbits

Sylvilagus idahoensis . . . . Pygmy Rabbit
Sylvilagus bachmani . . . Brush Rabbit
Sylvilagus palustris . . . . . Marsh Rabbit
Sylvilagus floridanus . . . . Eastern Cottontail

Sylvilagus transitionalis . . . . New England Cottontail Sylvilagus nuttallii . . . . . Nuttall's Cottontail

Sylvilagus audubonii Desert Cottontail
Sylvilagus aquaticus Swamp Rabbit
Oryctolagus cuniculus\* European Rabbit
Lepus americanus Snowshoe Hare
Lepus timidus Northern Hare

Lepus arcticus .... Arctic Hare

Lepus townsendii . . . . . White-tailed Jack Rabbit

Lepus californicus	White-sided Jack Rabbit Antelope Jack Rabbit
ORDER RODENTIA—Rodents	
FAMILY APLODONTIDAE—Mount	
Aplodontia rufa	Mountain Beaver
FAMILY SCIURIDAE—Squirrels	
Tamias striatus	
Eutamias alpinus	
Eutamias minimus	
Eutamias amoenus	
Eutamias townsendii	<b>r</b>
Eutamias sonomae	
Eutamias merriami	
Eutamias dorsalis	<b>±</b>
Eutamias quadrivittatus	
Eutamias ruficaudus	•
Eutamias cinereicollis	- L
Eutamias canipes	•
Eutamias quadrimaculatus .	-
Eutamias speciosus	Lodgepole Chipmunk
Eutamias panamintinus	Panamint Chipmunk
Eutamias umbrinus	
Eutamias palmeri	2
Marmota monax	Woodchuck
Marmota flaviventris	
Marmota broweri	Alaska Marmot
Marmota caligata	
Marmota olympus	· -
Marmota vancouverensis .	Vancouver Marmot
Ammospermophilus harrisii .	Harris' Antelope Squirrel
Ammospermophilus	
	White-tailed Antelope Squirrel
Ammospermophilus	
interpres	Texas Antelope Squirrel
Ammospermophilus	
nelsoni	Nelson's Antelope Squirrel
Spermophilus townsendii .	Townsend's Ground Squirrel
Spermophilus washingtoni .	Washington Ground Squirrel
Spermophilus brunneus	Idaho Ground Squirrel

Spermophilus richardsonii . . Richardson's Ground Squirrel Spermophilus armatus . . . . Uinta Ground Squirrel Spermophilus beldingi . . . . Belding's Ground Squirrel Spermophilus columbianus. Columbian Ground Squirrel Spermophilus parryii . . . . . Arctic Ground Squirrel Spermophilus tridecemlineatus ...... Thirteen-lined Ground Squirrel Spermophilus mexicanus . . Mexican Ground Squirrel Spermophilus spilosoma . . Spotted Ground Squirrel Spermophilus franklinii ... Franklin's Ground Squirrel Spermophilus variegatus .. Rock Squirrel Spermophilus beecheyi .... California Ground Squirrel Spermophilus mohavensis Mohave Ground Squirrel Spermophilus tereticaudus . . Round-tailed Ground Squirrel Spermophilus lateralis . . . Golden-mantled Ground Squirrel Spermophilus saturatus .... Cascade Golden-mantled Ground Squirrel Cynomys ludovicianus . . . . Black-tailed Prairie Dog Cynomys leucurus ..... White-tailed Prairie Dog Cynomys parvidens ..... Utah Prairie Dog Cynomys gunnisoni ... Gunnison's Prairie Dog Sciurus carolinensis . . . . . Gray Squirrel Sciurus griseus . . . . . . Western Gray Squirrel Sciurus aberti . . . . . . . . Abert's Squirrel Sciurus kaibabensis . . . . . Kaibab Squirrel Sciurus niger ..... Fox Squirrel Sciurus nayaritensis . . . . Nayarit Squirrel Sciurus arizonensis . . . . . . Arizona Gray Squirrel Tamiasciurus hudsonicus . . . Red Squirrel Tamiasciurus douglasii . . . . Douglas' Squirrel Glaucomys volans ..... Southern Flying Squirrel Glaucomys sabrinus . . . Northern Flying Squirrel Family Geomyidae—Pocket Gophers Thomomys umbrinus . . . Southern Pocket Gopher Thomomys bottae ..... Botta's Pocket Gopher Thomomys townsendii .... Townsend's Pocket Gopher Thomomys talpoides .... Northern Pocket Gopher Thomomys mazama . . . . Western Pocket Gopher Thomomys idahoensis . . . Idaho Pocket Gopher Thomomys monticola . . . . Mountain Pocket Gopher Thomomys bulbivorus . . . Camas Pocket Gopher

Geomys bursarius ... Plains Pocket Gopher

Geomys arenarius Geomys personatus Geomys pinetis Geomys colonus Geomys fontanelus Geomys cumberlandius Pappogeomys castanops	Desert Pocket Gopher Texas Pocket Gopher Southeastern Pocket Gopher Colonial Pocket Gopher Sherman's Pocket Gopher Cumberland Island Pocket Gopher Yellow-faced Pocket Gopher
FAMILY HETEROMYIDAE—Hetero	omvids
Perognathus fasciatus	Olive-backed Pocket Mouse
Perognathus flavescens	Plains Pocket Mouse
Perognathus merriami	Merriam's Pocket Mouse
Perognathus flavus	Silky Pocket Mouse
Perognathus apache	Apache Pocket Mouse
Perognathus longimembris	Little Pocket Mouse
Perognathus amplus	Arizona Pocket Mouse
Perognathus inornatus	San Joaquin Pocket Mouse
Perognathus parvus	Great Basin Pocket Mouse
Perognathus alticola	White-eared Pocket Mouse
Perognathus xanthonotus	Yellow-eared Pocket Mouse
Perognathus formosus	Long-tailed Pocket Mouse
Perognathus baileyi	Bailey's Pocket Mouse
Perognathus hispidus	Hispid Pocket Mouse
Perognathus penicillatus	Desert Pocket Mouse
Perognathus intermedius	Rock Pocket Mouse
Perognathus nelsoni	Nelson's Pocket Mouse
Perognathus fallax	San Diego Pocket Mouse
Perognathus californicus	California Pocket Mouse
Perognathus spinatus	Spiny Pocket Mouse
Microdipodops	
megacephalus	Dark Kangaroo Mouse
Microdipodops pallidus	Pale Kangaroo Mouse
Dipodomys ordii	Ord's Kangaroo Rat
Dipodomys microps	Chisel-toothed Kangaroo Rat
Dipodomys elephantinus	Big-eared Kangaroo Rat
Dipodomys venustus	Narrow-faced Kangaroo Rat
Dipodomys agilis	Agile Kangaroo Rat
Dipodomys heermanni	Heermann's Kangaroo Rat
Dipodomys ingens	Giant Kangaroo Rat
Dipodomys panamintinus	Panamint Kangaroo Rat
Dipodomys stephensi	Stephens' Kangaroo Rat
Dipodomys spectabilis	Banner-tailed Kangaroo Rat

Dipodomys elator Dipodomys deserti Dipodomys merriami Dipodomys nitratoides Liomys irroratus	Desert Kangaroo Rat Merriam's Kangaroo Rat Fresno Kangaroo Rat	
Family Castoridae—Beavers  Castor canadensis	Beaver	
FAMILY CRICETIDAE—New World Rats and Mice		
Oryzomys palustris Reithrodontomys	Marsh Rice Rat	
montanus	Plains Harvest Mouse	
Reithrodontomys humulis		
Reithrodontomys	Zastorii Trar vest Modes	
megalotis	Western Harvest Mouse	
Reithrodontomys		
raviventris	Salt-marsh Harvest Mouse	
Reithrodontomys	<b>T</b>	
fulvescens		
Peromyscus eremicus		
Peromyscus merriami		
Peromyscus californicus		
Peromyscus maniculatus		
Peromyscus sitkensis		
Peromyscus polionotus		
Peromyscus leucopus		
Peromyscus gossypinus		
Peromyscus crinitus	3	
Peromyscus boylii	Brush Mouse	
Peromyscus attwateri	Texas Mouse	
Peromyscus pectoralis	White-ankled Mouse	
Peromyscus truei		
Peromyscus difficilis		
Peromyscus comanche	· - <del></del> -	
Peromyscus floridanus		
Ochrotomys nuttalli		
Baiomys taylori	Northern Pygmy Mouse	
Onychomys leucogaster	Nothern Grasshopper Mouse	
Onychomys torridus	Southern Grasshopper Mouse	
Sigmodon hispidus	Hispid Cotton Rat	
Sigmodon arizonae	Arizona Cotton Rat	
Sigmodon fulviventer	Tawny-bellied Cotton Rat	
Sigmodon ochrognathus	Yellow-nosed Cotton Rat	

Neotoma floridana ..... Eastern Woodrat

Neotoma micropus ..... Southern Plains Woodrat

Neotoma albigula . . . . . . . White-throated Woodrat

Neotoma lepida ...... Desert Woodrat Neotoma stephensi ..... Stephens' Woodrat

Neotoma mexicana . . . . . . Mexican Woodrat

Neotoma fuscipes . . . . . . Dusky-footed Woodrat

Neotoma cinerea . . . . . . . Bushy-tailed Woodrat

Clethrionomys rutilus ..... Northern Red-backed Mouse Clethrionomys gapperi ..... Gapper's Red-backed Mouse

Clethrionomys occidentalis . Western Red-backed Mouse

Phenacomys intermedius . . . Heather Vole
Phenacomys albipes . . . . White-footed Vole
Phenacomys silvicola . . . . Dusky Tree Vole
Phenacomys longicaudus . . Red Tree Vole

Phenacomys longicaudus . . Red Tree Vole
Microtus pennsylvanicus . . . Meadow Vole
Microtus montanus . . . . Montane Vole
Microtus californicus . . . . California Vole
Microtus townsendii . . . . . Townsend's Vole

Microtus oeconomus . . . . Tundra Vole

Microtus longicaudus . . . . Long-tailed Vole

Microtus coronarius . . . . . Coronation Island Vole

Microtus mexicanus . . . . Mexican Vole Microtus chrotorrhinus . . . . Rock Vole

Microtus xanthognathus ... Yellow-cheeked Vole

Microtus oregoni . . . . Creeping Vole
Microtus gregalis . . . . Singing Vole
Microtus abbreviatus . . . Insular Vole
Microtus ochrogaster . . . Prairie Vole
Microtus ludovicianus . . Louisiana Vole
Microtus pinetorum . . . . Woodland Vole
Arvicola richardsoni . . . . Water Vole

Lagurus curtatus . . . . Sagebrush Vole

Neofiber alleni . . . . Round-tailed Muskrat

Ondatra zibethicus . . . . Muskrat

Lemmus sibiricus .... Brown Lemming

Lemmus nigripes . . . . . Black-footed Lemming
Synaptomys cooperi . . . . Southern Bog Lemming
Synaptomys borealis . . . Northern Bog Lemming

Dicrostonyx torquatus . . . Collared Lemming

Dicrostonyx hudsonius . . . Labrador Collared Lemming

Family Muridae—Old World R Rattus rattus*	Black Rat Norway Rat House Mouse lice Meadow Jumping Mouse Western Jumping Mouse
Napaeozapus insignis	Woodland Jumping Mouse
Family Erethizontidae—New Erethizon dorsatum	<del>=</del>
Family Capromyidae—Caprom  Myocastor coypus*	
ORDER CETACEA—Cetaceans	
Mesoplodon densirostris Mesoplodon europaeus Mesoplodon mirus Mesoplodon stejnegeri Mesoplodon carlhubbsi Mesoplodon ginkgodens Ziphius cavirostris Hyperoodon ampullatus	Baird's Bottle-nosed Whale North Atlantic Beaked Whale Tropical Beaked Whale Gervais' Beaked Whale True's Beaked Whale North Pacific Beaked Whale Moore's Beaked Whale Japanese Beaked Whale Goose-beaked Whale Bottle-nosed Whale
Family Physeteridae—Sperm <i>Physeter catodon</i>	
Family Kogiidae—Pygmy Speri Kogia breviceps Kogia simus	Pygmy Sperm Whale
Family Monodontidae—Mono Delphinapterus leucas Monodon monoceros	White Whale or Beluga
FAMILY DELPHINIDAE—Delphin Stenella dubia	Spotted Porpoise Long-beaked Porpoise Striped Porpoise Rough-toothed Porpoise

Tursiops truncatus Tursiops gillii Lissodelphis borealis Lagenorhynchus albirostris . Lagenorhynchus acutus Lagenorhynchus	-
	Grampus or Risso's Dolphin False Killer Whale Common Pilot Whale Short-finned Pilot Whale Harbor Porpoise
FAMILY ESCHRICHTIDAE—Gray V	Whale
Eschrichtius robustus	Gray Whale
Megaptera novaeangliae	Fin Whale Sei Whale or Rorqual Little Piked Whale Blue or Sulphur-bottomed Whale Hump-backed Whale
FAMILY BALAENIDAE—Baleen W	
Balaena glacialis Balaena mysticetus	Bowhead Whale
ORDER CARNIVORA—Carnivo	res
FAMILY CANIDAE—Canids	
Canis latrans	Gray Wolf Red Wolf Arctic Fox Red Fox Kit Fox Swift Fox Gray Fox
FAMILY URSIDAE—Bears  Ursus americanus  Ursus arctos  Ursus maritimus	Black Bear Grizzly Bear and relatives Polar Bear

FAMILY PROCYONIDAE—Procyon	ids		
Bassariscus astutus	Ringtail		
Procyon lotor	Raccoon		
Nasua nasua	Coati		
FAMILY MUSTELIDAE—Mustelids	3		
Martes americana	Marten		
Martes pennanti	Fisher		
Mustela erminea	Ermine		
Mustela nivalis	Weasel		
Mustela frenata	Long-tailed Weasel		
Mustela nigripes	Black-footed Ferret		
Mustela vison	Mink		
Gulo gulo	Wolverine		
Taxidea taxus	Badger		
Spilogale putorius	Eastern Spotted Skunk		
Spilogale gracilis	Western Spotted Skunk		
Mephitis mephitis	Striped Skunk		
Mephitis macroura	Hooded Skunk		
Conepatus mesoleucus			
Conepatus leuconotus			
Lontra canadensis	River Otter		
Enhydra lutris	Sea Otter		
FAMILY FELIDAE—Cats			
Felis onca			
Felis concolor	Mountain Lion		
Felis pardalis	Ocelot		
Felis wiedii	Margay		
Felis yagouaroundi	Jaguarundi		
Lynx $lynx$			
Lynx rufus	Bobcat		
ORDER PINNIPEDIA—Pinnipeds			
FAMILY OTARIDAE—Eared Seals			
Callorhinus ursinus	Northern Fur Seal		
Arctocephalus townsendi			
Eumetopias jubatus			
Zalophus californianus			
Odobenus rosmarus			
FAMILY PHOCIDAE—Hair Seals			
Phoca vitulina	Harbor Seal		

Phoca fasciata ..... Ribbon Seal

Phoca hispida . . . . . Ringed Seal
Phoca groenlandica . . . . Harp Seal
Erignathus barbatus . . . . Bearded Seal
Halichoerus grypus . . . . Gray Seal
Monachus tropicalis . . . . West Indian Seal

Crystophora cristata ..... Hooded Seal

Mirounga angustirostris ... Northern Elephant Seal

### ORDER SIRENIA—Sea Cows

Family Trichechidae—Manatees

Trichechus manatus ... Manatee

## ORDER ARTIODACTYLA—Even-toed Ungulates

FAMILY SUIDAE—Pigs

Sus scrofa\* . . . . . Wild Pig

FAMILY TAYASSUIDAE—Peccaries

Dicotyles tajacu ..... Collared Peccary

FAMILY CERVIDAE—Cervids

Cervus elaphus . . . . . . . . . . . . . Wapiti or Elk Cervus dama\* . . . . . . . Fallow Deer Odocoileus hemionus . . . . . Mule Deer

Odocoileus virginianus .... White-tailed Deer

Alces alces ............ Moose Rangifer tarandus .... Caribou

FAMILY ANTILOCAPRIDAE—Pronghorn

Antilocapra americana .... Pronghorn

FAMILY BOVIDAE—Bovids

Bison bison ..... Bison

Oreamnos americanus . . . Mountain Goat

Ovibos moschatus ..... Muskox

Ovis canadensis . . . . Mountain Sheep
Ovis dalli . . . . . . Dall's Sheep
Ammotragus lervia\* . . . . Barbary Sheep

# Ammotragus tervia ... . Battary Sheet

## LITERATURE CITED

DE Vos, A., R. H. Manville, and R. G. Van Gelder. 1956. Introduced mammals and their influence on native biota. Zoologica, 41: 163-194.

Hall, E. R. 1965. Names of species of North American mammals north of Mexico. Misc. Publ. Mus. Nat. Hist., Univ. Kansas, 43:1-16.

- HALL, E. R., S. ANDERSON, J. K. JONES, JR., AND R. L. PACKARD. 1957. Vernacular names for North American mammals north of Mexico. Misc. Publ. Mus. Nat. Hist., Univ. Kansas, 14:1-16.
- LEE, M. R., D. J. SCHMIDLY, AND C. C. HUHEEY. 1972. Chromosomal variation in certain populations of *Peromyscus boylii* and its systematic implications. J. Mamm., 53:697-707.
- MITCHELL, E. 1968. The Mio-Pliocene pinniped *Imagotaria*. J. Fisheries Res. Board Canada, 25:1843-1900.
- RICE, D. W., AND V. B. SCHEFFER. 1968. A list of the marine mammals of the world. Spec. Sci. Rept.—Fisheries, U.S. Fish and Wildlife Serv., 579:iii + 1-16.
- VAN ZYLL DE JONG, C. G. 1972. A systematic review of the Nearctic and Neotropical river otters (genus *Lutra*, Mustelidae, Carnivora). Life Sci. Contrib., Royal Ontario Mus., 80:1-104.

# PUBLICATIONS OF THE MUSEUM TEXAS TECH UNIVERSITY

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